

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF 3
PAGES2. AMENDMENT/MODIFICATION NO.
M2273. EFFECTIVE DATE
See Block 16C4. REQUISITION/PURCHASE
REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

7. ADMINISTERED BY (If other than Item 6)

CODE

U.S. Department of Energy
National Nuclear Security Administration
Sandia Site Office (MS 0184)
P.O. Box 5400
Albuquerque, NM 87185-5400

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, state, ZIP Code)

Sandia Corporation
P. O. Box 5800
Albuquerque, NM 87185

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC04-94AL85000/M202

10B. DATED (SEE ITEM 13)

October 1, 1993

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority): THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE-NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Public Law 95-91 and Other Applicable Law
	D. OTHER (Specify type of modification and authority):

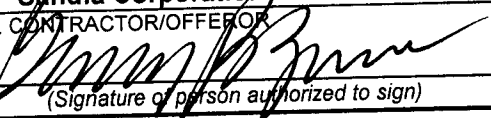
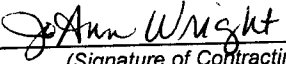
E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification revises the contract as follows:

1. Add Clause I.107 DEAR 970.5217-1 Work for Others Program (Non-DOE Funded Work) to Part II, Contract Clauses, Section I.
2. Update Part III, Section J, Appendix D, Key Personnel.
3. Update Part III, Section J, Appendix G, List of Applicable Directives and NNSA Policy Letters.

Except as provided herein, all terms and conditions of the document referenced in Items 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Gary B. Zura, Level II Manager Sandia Corporation	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JoAnn Wright, Contracting Officer Sandia Site Office
15B. CONTRACTOR/OFFEROR BY  (Signature of person authorized to sign)	15C. DATE SIGNED 3/28/05
	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)
	16C. DATE SIGNED 3/30/05

N5N 754-01-152-8070

PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Section I, Contract Clauses, is amended to add Clause I-107 as follows:

107. DEAR 970.5217-1 WORK FOR OTHERS PROGRAM (NON-DOE FUNDED WORK) (JAN 2005)

- (a) *Authority to Perform Work for Others.* Pursuant to the Economy Act of 1932, as amended (31 U.S.C. 1535), and the Atomic Energy Act of 1954, as amended (42 U.S.C. 2011 *et seq.*) or other applicable authority, the Contractor may perform work for non-DOE entities (sponsors) on a fully reimbursable basis in accordance with this clause.
- (b) *Contractor's Implementation.* The Contractor must draft, implement, and maintain formal policies, practices, and procedures in accordance with this clause, which must be submitted to the Contracting Officer for review and approval.
- (c) *Conditions of Participation in Work for Others Program.* The Contractor:
 - (1) Must not perform Work for Others activities that would place it in direct competition with the domestic private sector;
 - (2) Must not respond to a request for proposals or any other solicitation from another Federal agency or non-Federal organization that involves direct comparative competition, either as an offeror, team member, or subcontractor to an offeror; however, the Contractor may, following notification to the Contracting Officer, respond to Broad Agency Announcements, Financial Assistance solicitations, and similar solicitations from another Federal Agency or non-Federal organizations when the selection is based on merit or peer review, the work involves basic or applied research to further advance scientific knowledge or understanding, and a response does not result in direct, comparative competition;
 - (3) Must not commence work on any Work for Others activity until a Work for Others proposal package has been approved by the DOE Contracting Officer or designated representative;
 - (4) Must not incur project costs until receipt of DOE notification that a budgetary resource is available for the project, except as provided in 48 CFR 970.5232-6;
 - (5) Must ensure that all costs associated with the performance of the work, including specifically all DOE direct costs and applicable surcharges, are included in any Work for Others proposal;
 - (6) Must maintain records for the accumulation of costs and the billing of such work to ensure that DOE's appropriated funds are not used in support of Work for Others activities and to provide an accounting of the expenditures to DOE and the sponsor upon request;
 - (7) Must perform all Work for Others projects in accordance with the standards, policies, and procedures that apply to performance under this contract, including but not limited to environmental, safety and health, security, safeguards and classification procedures, and human and animal research regulations;
 - (8) May subcontract portion(s) of a Work for Others project; however, the Contractor must select the subcontractor and the work to be subcontracted. Any subcontracted work

must be in direct support of the DOE contractor's performance as defined in the DOE approved work for others proposal package; and,

- (9) Must maintain a summary listing of project information for each active Work for Others project, consisting of:
 - (i) Sponsoring agency;
 - (ii) Total estimated costs;
 - (iii) Project title and description;
 - (iv) Project point of contact; and,
 - (v) Estimated start and completion dates.
- (d) *Negotiation and Execution of Work for Others Agreement.*
 - (1) When delegated authority by the Contracting Officer, the Contractor may negotiate the terms and conditions that will govern the performance of a specific Work for Others project. Such terms and conditions must be consistent with the terms, conditions, and requirements of the Contractor's contract with DOE. The Contractor may use DOE-approved contract terms and conditions as delineated in DOE Manual 481.1-1A or terms and conditions previously approved by the responsible Contracting Officer or authorized designee for agreements with non-Federal entities. The Contractor must not hold itself out as representing DOE when negotiating the proposed Work for Others agreement.
 - (2) The Contractor must submit all Work for Others agreements to the DOE Contracting Officer for DOE review and approval. The Contractor may not execute any proposed agreement until it has received notice of DOE approval.
- (e) *Preparation of Project Proposals.* When the Contractor proposes to perform Work for Others activities pursuant to this clause, it may assist the project sponsor in the preparation of project proposal packages including the preparation of cost estimates.
- (f) *Work for Others Appraisals.* DOE may conduct periodic appraisals of the Contractor's compliance with its Work for Others Program policies, practices and procedures. The Contractor must provide facilities and other support in conjunction with such appraisals as directed by the Contracting Officer or authorized designee.
- (g) *Annual Work for Others Report.* The Contractor must provide assistance as required by the Contracting Officer or authorized designee in the preparation of a DOE Annual Summary Report of Work for Others Activities under the contract.

(End of clause)

2. Part III, Section J, Appendix D, *Key Personnel*, dated November 1, 2004 is hereby updated and superseded in its entirety with Attachment 1 to this modification, dated February 11, 2005. The change identifies Jerry McDowell as Vice President, Department of Defense Programs.
3. Section J, Appendix G, List of Applicable Directives and NNSA Policy Letters, is hereby updated and superseded in its entirety with Attachment 2 to this modification, dated March 24, 2005.
4. All other terms and conditions remain unchanged.

----- End of Modification -----

Part III - Section J
Appendix D
Key Personnel

February 11, 2005

The Contractor's employees identified below are determined to be necessary for the successful performance of this Contract. The purpose of this listing is to identify those employees whose initial assignment, reassignment, or replacement shall be subject to the approval of the Contracting Officer, pursuant to the Contract Clause entitled "Key Personnel." Position title designations do not signify officers of the Sandia Corporation.

C. Paul Robinson	President, Laboratories Director
Joan B. Woodard	Executive Vice President, Deputy Laboratories Director
Kimberly S. Adams	Vice President, Human Resources
Ronald J. Detry	Vice President, Integrated Security and Chief Security Officer
Francisco A. Figueroa	Vice President, Business Management and Chief Financial Officer
Thomas O. Hunter	Senior Vice President, Information, Computation and Engineering
Miriam E. John	Vice President, California Laboratory
Elizabeth D. Krauss	Vice President General Counsel, and Corporate Secretary
J. Leonard Martinez	Vice President, Manufacturing Systems, Science and Technology
Alton D. Romig, Jr.	Vice President, National Security and Arms Control
Les E. Shephard	Vice President Energy, Information and Infrastructure Surety
J. Pace VanDevender	Vice President, Science, Technology and Partnerships
John H. Stichman	Vice President, Weapons Systems
Jerry McDowell	Vice President, Department of Defense Programs
Gerold Yonas	Vice President, Advanced Concepts/Principal Scientist

Part III - Section J
Appendix G
List of Applicable Directives and NNSA Policy Letters

March 25, 2005

In addition to the list of applicable directives referenced below, the contractor shall also comply with supplementary directives (e.g., manuals), which are invoked by a Contractor Requirements Document (CRD) attached to a directive referenced below.

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE
APPH Chapter X Revision 10	09/08/98	Accounting Practices & Procedures Handbook Chapter X - Product Cost Accounting
DOE O 110.3	11/3/99	Conference Management
AL A-130 Chg. 1 dated 11/30/98	01/97	Implementation Criteria, Appendix III
DOE O 130.1	9/29/95	Budget Formulations Process
DOE M 140.1-1B	3/30/01	Interface with the Defense Nuclear Facilities Safety Board
DOE O 142.1	1/13/04	Classified Visits Involving Foreign Nationals
DOE O 142.2	1/1/04	Safeguards Agreement and Protocol with the International Atomic Energy Agency
DOE O 142.3	6/18/04	Unclassified Foreign Visits and Assignments
DOE O 151.1B	10/29/03	Comprehensive Emergency Management System
DOE N 153.2	8/11/03	Connectivity to National Atmospheric Release Advisory Center (NARAC)
DOE O 200.1	9/30/96	Information Management Program
DOE M 200.1-1	3/15/97	Telecommunications Security Manual, and Chapter 9 Public Key Cryptography and Key Management, approved 2/15/00
DOE O 205.1	3/21/03	Department of Energy Cyber Security Management Program
DOE N 205.2	8/12/04 (DOE N 205.14 extends DOE N 205.2 until 8/12/05)	Foreign National Access to DOE Cyber Systems
DOE N 205.3	8/12/04 (DOE N 205.14 extends DOE N 205.3 until 8/12/05)	Password Generation, Protection, and Use
DOE O 221.1	3/22/01	Reporting Fraud, Waste, and Abuse to the Office of Inspector General
DOE O 221.2	3/22/01	Cooperation With The Office of Inspector General
DOE O 224.2	3/22/01	Auditing of Programs and Operations
DOE O 225.1A	11/26/97	Accident Investigations
DOE M 231.1-1A Chg1	9/9/04	Environment, Safety, and Health Reporting Manual
DOE M 231.1-2	8/19/03	Occurrence Reporting and Processing of Operations Information
DOE O 241.1A Chg 1	10/14/03	Scientific and Technical Information Management
DOE O 251.1A	1/30/98	Directives System
DOE O 252.1	11/19/99	Technical Standards Program
DOE O 311.1B	2/12/03	Equal Employment Opportunity and Diversity Program

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE
DOE O 350.1, Chg 1 dated 5/8/98	9/30/96	Contractor Human Resource Management Programs
DOE O 350.2A	10/29/03	Use of Facility Contractor Employees for Services to DOE in the Washington, D.C., Area
DOE O 412.1	4/20/99	Work Authorization System
DOE O 413.1A	4/18/02	Management Control Program
DOE O 413.2A	1/8/01	Laboratory Directed Research & Development
DOE O 413.3, Chg. 1 dated 01/03/05	10/13/00	Program & Project Management for the Acquisition of Capital Assets
DOE O 414.1B	4/29/04	Quality Assurance
DOE O 420.1A	5/20/02	Facility Safety
DOE O 420.2B	7/23/04	Safety of Accelerator Facilities
DOE O 425.1C	3/13/03	Startup and Restart of Nuclear Facilities
DOE O 430.1B	9/24/03	Real Property Asset Management ¹
DOE O 430.2A	4/15/02	Departmental Energy and Utilities Management
DOE O 433.1	6/1/01	Maintenance Management Program for DOE Nuclear Facilities
DOE O 435.1, Chg. 1 dated 8/28/01	7/9/99	Radioactive Waste Management
DOE O 440.1A	3/27/98	Worker Protection Management for DOE Federal and Contractor Employees
DOE O 440.2B	11/27/02	Aviation Management and Safety
DOE O 442.1A	6/6/01	Department Of Energy Employee Concerns Program
DOE O 443.1	5/15/00	Protection of Human Subjects
DOE O 450.1	1/15/03	Environmental Protection Program
DOE P 450.5	6/26/97	Line Environment, Safety and Health Oversight
DOE N 450.7	10/17/01 (DOE N 450.13 extends DOE N 450.7 until 6/30/05)	The Safe Handling, Transfer, and Receipt of Biological Etiologic Agents at Department of Energy Facilities
DOE O 452.1B	8/6/01	Nuclear Explosive and Weapon Surety Program
AL 452.1B	10/23/01	Nuclear Explosive and Weapon Surety Program
AL 452.2B	03/22/02	Safety of Nuclear Explosive Operations (This directive was inadvertently omitted from the List when it was last updated.)
DOE O 452.2B	8/7/01	Safety of Nuclear Explosive Operations; and DOE-STD-3015-2001, Nuclear Explosive Safety Study Process, dated February 2001
DOE O 452.4A	12/17/01	Security and Control of Nuclear Explosives and Nuclear Weapons
DOE M 452.4-1A	3/11/04	Protection of Use Control Vulnerabilities and Designs
DOE O 460.1B	4/4/03	Packaging and Transportation Safety
DOE O 460.2 Chg. 1 dated 10/26/95	9/27/95	Departmental Materials Transportation & Packaging Management

¹ This order will be implemented subject to a 9-month Implementation Plan period beginning November 10, 2004, for the following Sections of Attachment 2, Contractor Requirements Document: Section 3, Facility Information Management Systems; Section 4.c, NNSA approved land use planning process and subject to issuance of guidance from NNSA; Section 7, Value Engineering System.) All other sections of Attachment 2 will be implemented within thirty days of the modification effective date.

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE
DOE M 460.2-1	9/23/02	Radioactive Material Transportation Practices
DOE O 461.1A	4/26/04	Packaging and Transfer or Transportation of Materials of National Security Interest
DOE O 470.1, Chg. 1 dated 6/21/96	9/28/95 (DOE N 251.57 extends this Order until 4/28/05)	Safeguards and Security Program
DOE O 470.2B	10/31/02	Independent Oversight and Performance Assurance Program
DOE M 470.1-1	10/2/02	Safeguards and Security Awareness Program
DOE O 471.1A	6/30/00	Identification and Protection of Unclassified Controlled Nuclear Information
DOE O 471.2A	3/27/97 (DOE N 251.57 extends this Order until 4/28/05)	Information Security Program
DOE M 471.2-1C, Chg 1	7/14/04	Classified Matter Protection & Control Manual
DOE M 471.2-1B	4/17/01	Classified Matter Protection & Control Manual (<i>applicable only for Chapter III, paragraphs 1 and 2</i>)
DOE M 471.2-2	8/3/99	Classified Information Systems Security Manual ² (<i>except Chapter VI, paragraphs 4j(2), and 4j(6); and Chapter VII, paragraph 12a(2)(a) cancelled per DOE N 205.3</i>)
DOE M 471.2-3A	7/11/02	Special Access Program Policies, Responsibilities, and Procedures ³
DOE O 471.3	4/9/03	Identifying and Protecting Official Use Only Information
DOE M 471.3-1	4/9/03	Manual for Identifying and Protecting Official Use Only Information
DOE O 471.4	3/17/04	Incidents of Security Concern
DOE O 472.1C	3/25/03	Personnel Security Activities
DOE O 473.1	12/23/02	Physical Protection Program
DOE M 473.1-1	12/23/02	Physical Protection Program Manual
DOE O 473.2	6/30/00	Protective Force Program
DOE M 473.2-1A	1/17/02	Firearms Qualification Courses Manual
DOE M 473.2-2, Chg. 1 dated 12/20/01	6/30/00	Protective Force Program Manual
DOE N 473.9	7/8/04	Security Conditions
DOE O 474.1A	11/20/00	Control and Accountability of Nuclear Materials
DOE M 474.1-1B	6/13/03	Manual for Control and Accountability of Nuclear Materials
DOE M 474.1-2A	8/19/03	Nuclear Materials Management and Safeguards System Reporting and Data Submission Manual
DOE O 475.1	12/10/04	Counterintelligence Program
DOE M 475.1-1A	2/26/01	Identifying Classified Information
DOE O 481.1B	9/28/01	Work For Others (Non-Department of Energy Funded Work)
DOE N 481.1A	4/21/03 (DOE N 251.56 extends this Notice until 4/21/05)	Reimbursable Work for Department of Homeland Security
DOE O 482.1	1/12/01	DOE Facilities Technology Partnering Programs

² Full implementation will occur in accordance with SNL's approved Implementation Plan.

³ Implementation of this Manual predicated on the continuance of direct funding in the future.

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE
DOE O 483.1	1/12/01	DOE Cooperative Research & Development Agreements
DOE O 522.1	11/03/04	Pricing of Departmental Directives
DOE O 534.1B	1/6/03	Accounting
DOE O 551.1B	8/19/03	Official Foreign Travel
DOE 1220.1A Chg. 1 dated 6/28/92	4/9/92	Congressional & Intergovernmental Affairs
DOE 5400.5 Chg. 2 dated 1/7/93	2/8/90	Radiation Protection of the Public & the Environment <i>(except 1a(3)(a) of Chapter II cancelled per DOE O 231.1)</i>
DOE 5480.4 Chg. 4 dated 1/7/93	5/15/84	Environmental Protection Safety & Health Protection Standards <i>(except Attachment 2, paragraph 2c, 2d(2)-(3), 2e(1)-(8) and Attachment 3, paragraph 2c, 2d(2)-(3), and 2e(1)-(7) cancelled per DOE O 440.1 dated 9/30/95)</i>
DOE 5480.19, Chg. 2 dated 10/23/01	7/9/90	Conduct of Operations Requirements for DOE Facilities
DOE 5480.20A, Chg. 1 dated 7/12/01	11/15/94	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities
DOE 5480.30, Chg. 1 dated 3/14/01	1/19/93	Nuclear Reactor Safety Design Criteria
DOE 5530.1A	9/20/91	Accident Response Group
DOE 5530.3 Chg. 1 dated 4/10/92	1/14/92	Radiological Assistance Program
DOE 5530.5 Chg. 1 dated 12/2/92	7/10/92	Federal Radiological Monitoring & Assessment Center
DOE 5560.1A	5/8/85	Priorities and Allocations Program
DOE 5660.1B	5/26/94	Management of Nuclear Materials

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE
56XB Rev. 2	5/10/04 (Release Date)	Nuclear Weapon Development and Production ⁴
SEN-22-90	5/8/90	DOE Policy on Signatures of RCRA Permit Applications
SEN-35-91	9/9/91	Nuclear Safety Policy
NAP 14.1	9/12/03	NNSA Cyber Security Program
NAP 14.2	9/12/03	Baseline Cyber Security Requirements
NAP 14.3	9/12/03	NNSA Protection Profile and Security target Requirements
NAP 14.4	9/12/03	Open Public Unrestricted Access Information Group Protection Profile
NAP 14.5	9/12/03	Unclassified Protected Information Group Protection Profile
NAP 14.6	9/12/03	Unclassified Mandatory Protection Information Group Protection Profile
NAP 14.7	9/12/03	Confidential Non-Nuclear Weapons Data Information Group Protection Profile
NAP 14.8	9/12/03	Secret Restricted Non-Nuclear Weapons Data Information Group Protection Profile
NAP 14.9	9/12/03	Confidential Restricted Data, Sigmas 1-13 Information Group Protection Profile
NAP 14.10	9/12/03	Secret Restricted Data, Sigmas 1-13, Information Group Protection Profile
NAP 14.11	9/12/03	Secret Restricted Data, Sigmas 14-15, Information Group Protection Profile

⁴ Changes to the 56XB, Nuclear Weapon Development and Production (D&P) Manual and the D&P derived requirements are processed as described in contract clause H-33(e) (Reference contract modification M216). The date listed above reflects the Rev 2 release date and not the most recent change, which is identified through the process described in H-33(e).